

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1, 5, 13, and 14, and ADD new claims 15 and 16 in accordance with the following:

1. (CURRENTLY AMENDED) A high-density readable only optical disk, comprising:
a substrate with pits; and
at least one mask layer with a super resolution near field structure, the at least one mask layer comprising a mixture of a dielectric material and metal particles wherein one or more of the metal particles are derived from ~~gold, platinum, rhodium, palladium,~~ or a mixture thereof.
2. (ORIGINAL) The optical disk according to claim 1, wherein the dielectric material comprises one of metal oxide, nitride, sulfide, fluoride, and a mixture thereof.
3. (ORIGINAL) The optical disk according to claim 1, wherein the dielectric material is ZnS-SiO₂.
4. (CANCELLED)
5. (CURRENTLY AMENDED) The optical disk according to claim 1, wherein the one or more metal particles ~~are~~ further includes platinum particles ~~gold, platinum, palladium, or a mixture thereof.~~
6. (ORIGINAL) The optical disk according to claim 1, further comprising one or more reflective layers disposed adjacent one of the substrate and the at least one mask layer.
7. (ORIGINAL) The optical disk according to claim 1, further comprising dielectric layers on the upper and the lower surfaces of the mask layer.

8. (PREVIOUSLY PRESENTED) A high-density readable only optical disk, comprising:
a substrate with pits; and
at least one mask layer with a super resolution near field structure, the at least one mask layer comprising a mixture of a dielectric material and metal particles wherein the metal particles are derived from one of rhodium and a mixture of rhodium and gold, platinum, and palladium.

9. (PREVIOUSLY PRESENTED) The optical disk according to claim 8, wherein the dielectric material comprises one of metal oxide, nitride, sulfide, fluoride, and a mixture thereof.

10. (PREVIOUSLY PRESENTED) The optical disk according to claim 8, wherein the dielectric material is ZnS-SiO₂.

11. (PREVIOUSLY PRESENTED) The optical disk according to claim 8, further comprising one or more reflective layers disposed adjacent one of the substrate and the at least one mask layer.

12. (PREVIOUSLY PRESENTED) The optical disk according to claim 8, further comprising dielectric layers on the upper and the lower surfaces of the mask layer.

13. (CURRENTLY AMENDED) A high-density readable only optical disk, comprising:
a substrate with pits; and
at least one mask layer with a super resolution near field structure, the at least one mask layer where a ZnS-SiO₂ target and ~~Pt~~one or more metal target-targets were co-deposited on the substrate by sputtering to form a mixed thin film, wherein at least one of the metal targets contains rhodium.

14. (CURRENTLY AMENDED) A high-density readable only optical disk, comprising:
a substrate with pits; and
at least one mask layer with a super resolution near field structure, the at least one mask layer comprising a mixture of a dielectric material and rhodium metal particles, wherein the dielectric material comprises one of metal oxide, nitride, sulfide, fluoride, and a mixture thereof.

15. (NEW) The optical disk according to claim 1, further including one or more metal particles of gold, platinum, palladium, or a mixture thereof.

16. (NEW) A high-density readable only optical disk of claim 13, wherein at least one of the metal targets contains at least one of gold, platinum, and palladium.